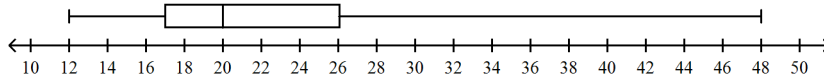


MULTIPLE CHOICE

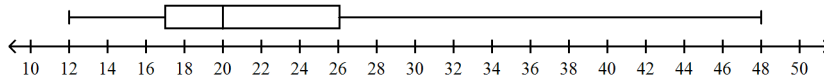
1. The box and whisker plot below shows the dollar prices of twenty popcorn poppers as listed in Consumer Reports Buying Guide, 1991.
Approximately how much did the **most** expensive popcorn popper cost?



- a. 50
b. 48
c. 46
d. 49

ANS: B PTS: 1

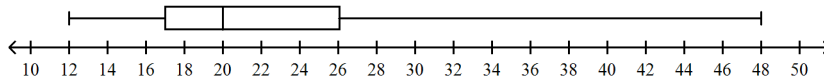
2. The box and whisker plot below shows the dollar prices of twenty popcorn poppers as listed in Consumer Reports Buying Guide, 1991.
Approximately how much did the **least** expensive popcorn popper cost?



- a. 14
b. 13
c. 10
d. 12

ANS: D PTS: 1

3. The box and whisker plot below shows the dollar prices of twenty popcorn poppers as listed in Consumer Reports Buying Guide, 1991.
What was the **median price** for a popcorn popper?



- a. 22
b. 26
c. 20
d. 17

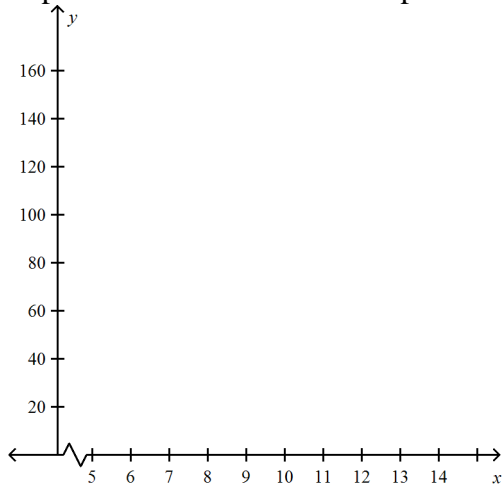
ANS: C PTS: 1

SHORT ANSWER

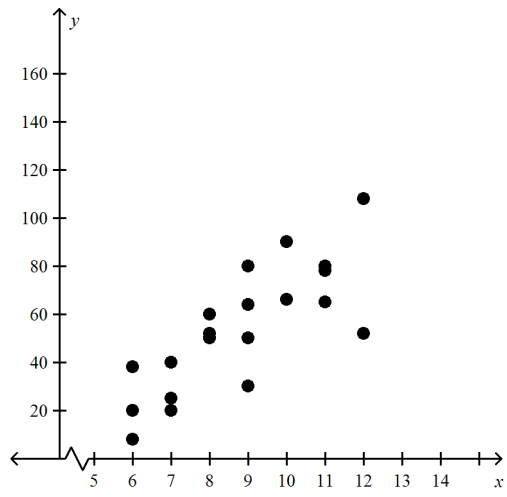
1. This data shows the average amount of time 20 children, aged between six and twelve years old, spent on homework last week.

#	Age	Time		#	Age	Time
1	6	8		11	9	64
2	6	20		12	9	80
3	6	38		13	9	50
4	7	20		14	10	66
5	7	25		15	10	90
6	7	40		16	11	78
7	8	50		17	11	65
8	8	60		18	11	80
9	8	52		19	12	52
10	9	30		20	12	108

Represent the data as a scatter plot on the graph provided.



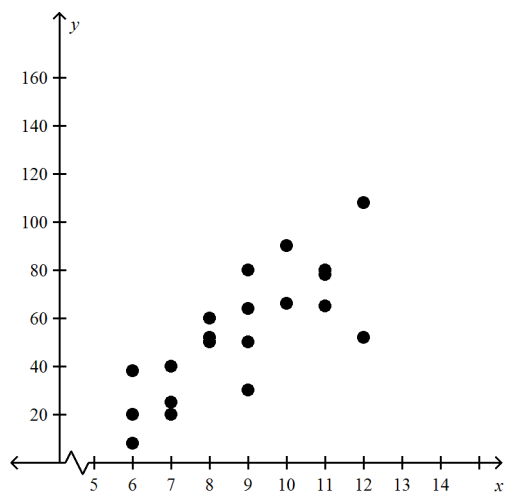
ANS:



PTS: 1

2. This data shows the average amount of time 20 children, aged between six and twelve years old, spent on homework last week.

#	Age	Time		#	Age	Time
1	6	8		11	9	64
2	6	20		12	9	80
3	6	38		13	9	50
4	7	20		14	10	66
5	7	25		15	10	90
6	7	40		16	11	78
7	8	50		17	11	65
8	8	60		18	11	80
9	8	52		19	12	52
10	9	30		20	12	108



Do you see a relationship between age and time spent on homework?
Explain your answer!

ANS:

There is a relationship between age and time spent on homework !
As age increases, time spent on homework increases too :)

PTS: 1